Each

Wednesday, 03/06/2009 10:48:46 AM User: Julie Dawson **Process Sheet** : SADDLE FITTING, AFT (OUTBOARD/INBOARD) : CU-DAR001 Dart Helicopters Services **Drawing Name** Customer Job Number : 48354 **Estimate Number** : 10533 : D2573 Part Number P.O. Number : D2573 REV E : 03/06/2009 This Issue S.O. No. : **Drawing Number** : N/A Prsht Rev. : NC **Project Number** ; E First Issue : // Type : MACHINED PARTS **Drawing Revision** : 47566 **Previous Run** Material **Due Date** : 30/06/2009 Qty: Written By Checked & Approved By Comment : Est: | As Per RevE 06-01-27 **Additional Product** Job Number: Seq. #: Machine Or Operation: Description: 1.0 D6101007 Saddle Billet Comment: Qty.: 1.0000 Each(s)/Unit Total: 8.0000 Each(s) 7075-T7351 8.25X7.75X2.5 Make from D6101-007 billet for D2573 Ensure that grain is along 7.75" length Batch No: 46412 2.0 HAAS1 HAAS CNC VERTICAL MACHINING #1 Comment: HAAS CNC VERTICAL MACHINING #1 Program Batch No. 48354 Double check by:____ 1-Machine Step No 1 per Folio FA051 and inspect per attached Dimension Sheets 2-Machine Step No 2 per Folio FA051 and inspect per attached Dimension Sheets 3-Machine Step No 3 per Folio FA051 and inspect per attached Dimension Sheets 4-Deburr and remove all machining marks 5-Tumble to remove sharp edges.

3.0 MILLING CONV.

CONVENTIONAL MILLING MACHINE

Comment: CONVENTIONAL MILLING MACHINE

Machine keyway as per dwg D2573 & D2574

4.0 QC2 INSPECT PARTS AS THEY COME OFF MACHINE



Comment: INSPECT PARTS AS THEY COME OFF MACHINE

Dart Aerospac	e l	_td
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W/O:			WC	RK ORDER CHAN	GES					
DATE	STEP	PRO	OCEDURE CHAI	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No		PAR #:								
· · · · <u>·</u> · · · ·	R	esolution:							Date: _	
NCR:			WORK ORDE	R NON-CONFORM	MANCE	(NCR				
DATE	STEP	Description of NC		· · · · · · · · · · · · · · · · · · ·	ection B	C: 0	Verific	ation	Approval	Approval
		Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Secti	on C	Chief Eng	QC Inspector
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NOTE: Date & initial all entries

Date: Wednesday, 03/06/2009 10:48:47 AM User: -Julie Dawson **Process Sheet** Drawing Name: SADDLE FITTING, AFT (OUTBOARD/INBOARD) Customer: CU-DAR001 Dart Helicopters Services Part Number: D2573 Job Number: 48354 Job Number: Seq. #: **Description: Machine Or Operation:** SECOND CHECK 5.0 QC8 09 - 06 - 19 Comment: SECOND CHECK HAND FINISHING RESOURCE #1 6.0 HAND FINISHING Comment: HAND FINISHING RESOURCE #1 Acid etch and Alodine as per QSI 005 4.1 POWDER COATING 7.0 1411477 Comment: POWDER COATING Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3 10:15 pm START TIME: OVEN TEMPERATURE: 32001 FINISH TIME: 8.0 QC3 Comment: INSPECT POWDER COAT PACKAGING RESOURCE #1 9.0 **PACKAGING 1** Comment: PACKAGING RESOURCE #1 Identify and Stock Location: 10.0 QC21 Comment: FINAL INSPECTION/W/O RELEASE MF 06-22 Job Completion

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Form: rprocess

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Dart Aerospace Ltd

W/O:			WO	RK ORDER CHANG	GES		·		
DATE	STEP	PR	OCEDURE CHAI	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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				,					
Part No):	PAR #:	Fault Categ	ory:	NCR: Yes	No DQ	A:	Date:	
	Re	esolution:	Disposition	:	QA: N/C CI	osed:		Date: _	
NCR:			WORK ORDE	R NON-CONFORM	ANCE (NCR	3)			
DATE	STEP	Description of NC Section A	Initial	Corrective Action Sec Action Description	etion B	Verific Section		Approval Chief Eng	Approval QC Inspector
			Chief Eng	Chief Eng	Date	Occin		Office Eng	QO IIIspector
		·							
								,	

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	48354
Description: Saddle, Aft Outboard	Part Number:	D2573
Inspection Dwg: D2573 Rev. E	· · · · · · · · · · · · · · · · · · ·	Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2573 Rev. E and record below:

				Red	corded Actu	ıal Dimensi	ons		
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	Ву	Date
Α	0.438	0.443	<u> </u>	0.440	0.440	0.440	0.440		
В	1.745	1.755		1.750	1.750	1.750	1,750		
С	3.495	3.505		3.500	3.500	3.500	3.500		
D	1.745	1.755		1.750	1.750	1.750	1,750		
Е	7.990	8.010		8.002	8.002	8.000	8.000		
F	0.490	0.510		0.505	0.498	.503	.501		
G	0.257	0.262		0,260	0.260	0.260	0.260		
Н	0.375	0.380		0.377	0.377	0.377	0.377		
1	0.490	0.510		0.497	0.498	.501	501		
J	1.174	1.184		1.179	1.179	1.179	1.179		
K	0.558	0.578		0.567	0.567	.567	.568		
L	1.174	1.184		1.179	1.179	1.179	1.179		
M	1.365	1.375		1.370	1.370	1.370	1.370		
N	2.495	2.505		2.500	2.500	2.500	2.500		
0	4.119	4.129		4.124	4.124	4.124	4.124		
Р	0.115	0.135		0.126	0.126	0.135	.125		
Q	0.115	0.135		0.126	0.126	0.135	0.135		
R	0.240	0.260		0.251	0.251	-351_	~ ÅSO		
S	0.115	0.135		0.126	0.126	125	1 104		
Τ	0.178	0.198		0.188	0.188	0.188	0.183,		
U	3.210	3.250		0.188 3.230	0.198 3.230	3.23C	0. 183 3. 230 -238		
V	0.230	0.250		0.240	0.238	,234	-238_		
W	0.115	0.135	 	0.126	0.126	-124	- 10lo		
Х	0.308	0.313		-311	.311	311	. રાહ		
Υ	0.760	0.765		760_	.760 0.359	.760 .363	760		
Z	0.352	0.372		0.356	0.359	.363	<u> </u>		
AA	0.470	0.530		0.500	0.500	0.500	0.500		
AB	0.615	0.635		0.635	0.628	-627	-630		
AC	0.053	0.073		0.063	0.663	0.063	0.063		
AD	0.240	0.260		0.247	0.245	. 245	-244		
AE	1.500	1.520		1.5138	1.544	1.5145	1514		
AF	0.115	0.135		0.135	0.135	.125	.125		
AG	0.240	0.280		0.265	0.265	0.265	0,265		
AH	0.240	0.260		0.248	0.248	-248	. 249		
Al	2.000	2.020		2.0016	2.00/2	2.0025	2.0023		
AJ	0.023	0.043		0.053	0.033	0.033_	0.033		
	Acc	ept/Reje	ct						

Measured by: M. A.	Audited by
Date: 09 00 17	Date: 09.06./9

Rev	Date	Change	Revised by	Approved
Α		New Issue	RF	
В	02.09.26	Re-format; Added Rev. D	. KJ	
С	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension Al	KJ/RF	1
Ε	05.12.05	Added dimension AJ	KJ/JLM A	

DART AEROSPACE LTD	Work Order:	48354
Description: Saddle, Aft Outboard	Part Number:	D2573
Inspection Dwg: D2573 Rev. E		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2573 Rev. E and record below:

			Recorded Actual Dimensions						
Dim	Min	Max	Go/No Go Gauge	15	746	\$ 7	48	Ву	Date
Α	0.438	0.443		.440	-440	.440	-440		
В	1.745	1.755		1.750	1,750	1.450	1.750		
С	3.495	3.505		3.500	3.500	3,500	3.500		
D	1.745	1.755		1.750	1.7S0	1-750	1.750		
E	7.990	8.010		8.000	8.000	600.8	8-001		
F	0.490	0.510		-490	.500	.502	.501		
G	0.257	0.262		259	.500 .259	.502 .259	,259		
Н	0.375	0.380		.376	376	.376	.376		
1	0.490	0.510		1,179	-500	.501	500		
J	1.174	1.184			7.179	1.179	1.179		
K	0.558	0.578		-567	.S6X	.568	568		
L	1.174	1.184		1.179	1.179	1.179	1.179		
М	1.365	1.375		1,370	1.370	1,370_	1.370		
N	2.495	2.505		2.500	2.500	2.500	2.500		
0	4.119	4.129		4-124	4.124	4-124	4-124		
Р	0.115	0.135		-126	125	-125	-125		
Q.	0.115	0.135		.135	.135	-135	_135		•
R	0.240	0.260		. 250	·250	.250	-250		
S	0.115	0.135		-120	.125	-125	-124		
Τ	0.178	0.198		-188	.188	-188	188		
U	3.210	3.250		3.830	3.230	3.330	3.230		
V	0.230	0.250		- 238	-239	.239	-239		
W	0.115	0.135		-125	127	-125	-124		
Х	0.308	0.313		-311	311	-311	- 311		
Υ	0.760	0.765		-760	.760	.760	.760		
Z	0.352	0.372		-361	362	.360	-360		
AA	0.470	0.530		500	-500	,500	.500		
AB	0.615	0.635	_	ملام) ۔	627	-625	-626		
AĊ	0.053	0.073	· · · · · · · · · · · · · · · · · · ·	-063	063	. 263	-063		
AD	0.240	0.260		. 245	-248	.247	.246		·
AE	1.500	1.520		1.515	1.514	1.515	1.515		
AF	0.115	0.135		,130	- 130	-130	.130		
AG	0.240	0.280		.265	265	.265	-265		
AH	0.240	0.260		-247	-250	.251	. 248		
Al	2.000	2.020		2-003	3,003	2.002	2.004		
AJ	0.023	0.043		-033	-033	.033	-033		
	Acc	ept/Reje	ct						

Measured by:	Audited by
Date: 09/06/18	Date: 09.06-19

Rev	Date	Change	Revised by	Approved
Α		New Issue	RF	
В	02.09.26	Re-format; Added Rev. D	KJ	
С	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension Al	KJ/RF	-1
E	05.12.05	Added dimension AJ	KJ/JLM ox	

DART AEROSPACE LTD	Work Order:	48354	
Description: Saddle, Aft Outboard	Part Number:	D2573	
Inspection Dwg: D2573 Rev. E		Page 1 of 1	

Inspect dimensions highlighted on inspection sheet drawing D2573 Rev. E and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	49	\$ 10	\$ 11	¥ 12	Ву	-Date
Α	0.438	0.443		-440	.440	.440	.440		.440
В	1.745	1.755		1:750	1.750	1.750	1.750		1.756
С	3.495	3.505		3.500	3.500	3.500	3,500		3 5∞
D	1.745	1.755		1.750	1.750	1.450	1.750		1.750
E	7.990	8.010		8.000	8001	8,000	8-000		8,060
F	0.490	0.510		.500	.500	-499_	,498		H99
G	0.257	0.262		-259	.259 .376	.259	.259 .376		.259
H	0.375	0.380		- 376	-376	-376	.376		-376
ı	0.490	0.510		-500	.501	-501	501		,499
J	1.174	1.184		1.179	1.179	1.179	1.179		1-179
K	0.558	0.578		-568	.569	-569	.569		567
L	1.174	1.184		1.179	1.179	1.179	1.179		1.179
М	1.365	1.375	;	1.370	1.370	1.370	1.370		1-370
N	2.495	2.505		2.500	2.500	2.500	2.500		2.500
0	4.119	4.129		4.124	4.124	4.124	4.124		4-124
Р	0.115	0.135		- 125	-125	_1a 's	.125		-125
Q	0.115	0.135		-135	.135	.135	-135		.135
R	0.240	0.260		. 250	-251	.250	.250,		,250
S	0.115	0.135		-125	-122	-127	-128		-126
Т	0.178	0.198		.188	.188	.188	188	<u> </u>	188
U	3.210	3.250		3,230	3.230	3.230	3,230		3,230
V	0.230	0.250		. 240	-237	. 238	.23%		. 240
W	0.115	0.135		-126	-124	-126	.127		.128
X	0.308	0.313		311	-311	.311	- 311		- 311
Υ	0.760	0.765		-760	-76ò,	.760	-760		.760
Z	0.352	0.372		.361	364	-362	-361		-361
AA	0.470	0.530		.500	·S00'	.500_	. 500		ZVV,
_AB	0.615	0.635		~638	-627	.625	.627		.627
AC	0.053	0.073		-063	·0(e3	·043	.063		.063.
AD	0.240	0.260		- 245	,245	244,	- 245		.244
AE	1.500	1.520		1.514	1.515	1.514	1.515		1.515
AF	0.115	0.135		-130	.130	.130	.130		.130
AG	0.240	0.280	Ş	51000	-265	-265	-265		. 265
AH	0.240	0.260		-245	. aso	- 249	- 244		<i>,25</i> 0
ΑI	2.000	2.020		2-003	2,003	2002	2.003		2.003
AJ	0.023	0.043		. 03%	-033	.033	033		-৩33
Accept/Reject									

Measured by:	JL	Audited by
Date:	09/06/19	Date: 09.66.19

Rev	Date	Change	Revised by	Approved
Α		New Issue	RF	
В	02.09.26	Re-format; Added Rev. D	KJ	
С	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension Al	KJ/RF	-1
Е	05.12.05	Added dimension AJ	KJ/JLM	

